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U. S. DEPARTMENT OF AGRICULTURE,
BUREAU OF SOILS.

CATALOGUE

OF

TEXAS, ALABAMA, SOUTH CAROLINA, AND
OHIO GROWN TOBACCO:

CUBAN SEED AND ZIMMER SPANISH FILLERS,

GROWN UNDER THE DIRECTION OF THE U. S. DEPARTMENT
OF AGRICULTURE, DURING THE SEASON OF 1902, AND
PACKED IN CUBAN AND DOMESTIC PACKAGES.

Samples of these tobaccos may be seen at the offices of Herman G. Vetterlein,
115 Arch street, Philadelphia, Pa., through whom all sales will be made.
Samples may also be seen at the offices of the Bureau of Soils,
U. S. Department of Agriculture, Washington, D. C.

NOTE.—The tobacco has been sampled and weighed by a Government official.
The Cuban seed will be sold at actual weight, less tare. Tare on Cuban bales is
13 pounds. The Zimmer Spanish will be sold at marked weights. All this tobacco
has been bulk fermented before being packed, so that the shrinkage on the Zimmer
Spanish will be small.

WASHINGTON:
GOVERNMENT PRINTING OFFICE.
1904.

SEP 18 1904

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U. S. DEPARTMENT OF AGRICULTURE.

BUREAU OF SOILS.

ANNOUNCEMENT.

In 1901 and 1902 the Bureau of Soils, of the United States Department of Agriculture, in their soil surveys of Texas, Alabama, and South Carolina, encountered certain soils which were believed, after a careful examination and comparison with the tobacco soils of Cuba and Florida, would successfully grow the Cuban type of filler leaf. Investigations of a similar character were also conducted in Ohio, where the Zimmer Spanish type is now grown, which approximates the Cuban type closely in certain characteristics. These experiments were conducted and the tobacco grown in cooperation with certain planters in these States, about 25 acres being grown, as follows:

	Acres.
Texas:	
The Nacogdoches Tobacco Company	7
J. F. Davis	3
J. B. Roberts and S. H. Reed	3
Alabama: C. H. Greer	3
South Carolina: J. J. Lawton	3
Ohio: John Rohrer and John Begard	6

The Department of Agriculture will receive no financial return from the sale of this tobacco, but is solely interested in the result as indicating the judgment of the trade as to the commercial value and desirability of the leaf for filler purposes. It is the desire of the Department to have the tobacco distributed as widely as possible. Samples have been submitted to prominent brokers and manufacturers in quantities sufficient for the manufacture of cigars, and the reports received from them have been favorable.

The tobacco has been grown under the direction and control of the Bureau of Soils, and has been fermented, graded, and baled according to the most improved methods adapted to these styles of leaves. The Cuban tobacco is packed in the Cuban style of bales and the Zimmer Spanish in cases. The leaves are of medium size and have the Cuban appearance. The tobacco burns a good ash, without flaking and without coaling.

In calling attention to this product, the Bureau of Soils desires especially to obtain opinions from as many sources as possible as to the commercial value of the tobacco, and any criticisms or suggestions from those who purchase the tobacco or handle samples will be welcomed.

To relieve the Bureau of Soils of the details of the sale and to insure the protection of the growers, the actual sale of the tobacco has been turned over to Mr. Herman G. Vetterlein, 115 Arch street, Philadelphia, Pa., from whom samples can be obtained, and in whose office the tobacco can be inspected. The tobacco may also be inspected at the Department, in Washington. The responsibility of the Bureau as regards the crop ceases with this notice. The growers have assumed the responsibility for the delivery of the product, and all transactions arising from the sale will be a matter of adjustment through Mr. Vetterlein between the growers and the purchasers.

MILTON WHITNEY,
Chief of Bureau.

WASHINGTON, D. C.,

September 1, 1904.

CATALOGUE

Vega	Bale	Grade Mark	Bale Weight	Packer's Weight	Size	Carrots	Quality
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ROBERTS & REED CROP, WOODVILLE, TYLER COUNTY, TEX.

			Pounds.	Inches.		
1	1	$\frac{1}{6^a}$	92	12	80	Selected filler
2		$\frac{1}{7^a}$	130	16	80	Heavy filler
3		$\frac{1}{7^a}$	140	$\left\{ \begin{array}{l} 18-58C^a \\ 16-22C \end{array} \right.$	80	do
4		$\frac{1}{7^a}$	123	$\left\{ \begin{array}{l} 14-58C \\ 16-22C \end{array} \right.$	80	do
5		$\frac{1}{7^a}$	114	16	78	do
6		$\frac{1}{7^a}$	106	12	81	do
7		$\frac{1}{x8^a}$	77	Mixed	60	Broken filler

DAVIS CROP, LUFKIN, ANGELINA COUNTY, TEX.

2	8	$\frac{2}{6^a} + \frac{2}{6^a}$	100	14 and 12	90	Selected filler
9		$\frac{2}{7^a}$	92	14	61	Heavy filler
10		$\frac{2}{7^a}$	92	12	70	do
11		$\frac{2}{7^a}$	123	$\left\{ \begin{array}{l} 16-56C \\ 18-18C \end{array} \right.$	74	do
12		$\frac{2}{x8^a}$	112	$\left\{ \begin{array}{l} 14-35C \\ 12-49C \end{array} \right.$	84	Broken filler

^a 85 carrots 18 inch; 22 carrots 16 inch.

Vega	Bale	Grade Mark	Bale Weight	Size	Carrots	Quality
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BERGER CROP, NACOGDOCHES, NACOGDOCHES COUNTY, TEX.

			Pounds.	Inches.		
3	13	$\frac{3}{7^a}$	135	18	80	Heavy filler
	14	$\frac{3}{7^a}$	107	16	72	do
	15	$\frac{3}{7^a}$	100	{ 16-30C ^a 14-42C }	72	do
	16	$\frac{3}{7^a}$	90	{ 14-60C 12-12C }	72	do
	17	$\frac{3}{7^a}$	76	12	72	do
	18	$\frac{3}{8^a}$	111	{ 18-20C 16-54C }	74	Flimsy filler
	19	$\frac{3}{8^a}$	90	14	70	do
	20	$\frac{3}{8^a}$	72	12	76	do
	21	$\frac{3}{x8^a}$	122	{ 18-34C 16-48C }	82	Broken filler
	22	$\frac{3}{x8^a}$	106	14	81	do
	23	$\frac{3}{x8^a}$	86	12	81	do

RADCLIFF CROP, NACOGDOCHES, NACOGDOCHES COUNTY, TEX.

4	24	$\frac{4}{7^a}$	122	16	72	Heavy filler
	25	$\frac{4}{7^a}$	106	{ 16-39C 14-33C }	72	do

^a 30 carrots 16 inch; 42 carrots 14 inch.

Vega	Bale	Grade Mark	Bale Weight <i>Pounds</i>	Packer's Weight <i>Inches</i>	Size	Carrots	Quality
Vega 4—Continued.							
26	$\frac{4}{7^a}$	141	18	72	Heavy filler		
27	$\frac{4}{8^a}$	127	18	72	Flimsy filler		
28	$\frac{4}{8^a}$	113	16	72	do		
29	$\frac{4}{8^a}$	90	{ 14-16C ^a 12-56C }	72	do		
30	$\frac{4}{8^a}$	103	14	72	do		
31	$\frac{4}{8^a}$	115	16	72	do		
32	$\frac{4}{7^a}$	132	{ 18-51C 16-21C }	72	Heavy filler		
33	$\frac{4}{7^a}$	120	16	72	do		
34	$\frac{4}{7^a}$	115	{ 14-68C 12-21C }	89	do		
35	$\frac{4}{x8^a}$	105	{ 16-48C 14-24C }	72	Broken filler		
36	$\frac{4}{x8^a}$	83	{ 14-21C 12-50C }	71	do		

GREER CROP, MARION, PERRY COUNTY, ALA.

5	37	$\frac{5}{6^a}$	76	12	80	Selected filler
38		$\frac{5}{6^a}$	88	12	80	do
39		$\frac{5}{6^a}$	103	14	80	do

^a 16 carrots 14 inch; 56 carrots 12 inch.

Vega	Bale	Grade Mark	Bale Packer's Weight <i>Pounds</i>	Size <i>Inches</i>	Carrots	Quality
Vega 5—Continued.						
40		$\frac{5}{7^a}$	100	14	72	Heavy filler
41		$\frac{5}{8^a}$	98	14	72	Flimsy filler
42		$\frac{5}{8^a}$	75	12	60	do

LAWTON CROP, HARTSVILLE, DARLINGTON COUNTY, S. C.

6	43	$\frac{6}{6^a}$	96	$\left\{ \begin{array}{l} 12-53C^a \\ 14-26C \end{array} \right\}$	79	Selected filler
44		$\frac{6}{x8^a}$	118	$\left\{ \begin{array}{l} 12-70C \\ 14-33C \end{array} \right\}$	103	Broken filler
45		$\frac{6}{7^a}$	81	12	80	Heavy filler
46		$\frac{6}{7^a}$	85	12	80	do
47		$\frac{6}{7^a}$	93	14	72	do
48		$\frac{6}{8^a}$	85	$\left\{ \begin{array}{l} 14-36C \\ 12-44C \end{array} \right\}$	80	Flimsy filler
49		$\frac{6}{7^a}$	92	$\left\{ \begin{array}{l} 16-43C \\ 14-21C \end{array} \right\}$	64	Heavy filler

ROHRER AND BEGARD CROP, GERMANTOWN, MONTGOMERY COUNTY, OHIO.

7	50	$\frac{7}{7^a}$	128	12	80	Heavy filler
51		$\frac{7}{7^a}$	107	14	80	do

^a 53 carrots 12 inch; 26 carrots 14 inch.

Vega	Bale	Grade Mark	Bale Weight <i>Pounds</i>	Packer's Weight <i>Inches</i>	Size	Carrots	Quality
Vega 7—Continued.							
52	$\frac{7}{7^a}$	105		14		80	Heavy filler
53	$\frac{7}{7^a}$	105		14		80	do
54	$\frac{7}{7^a}$	113		14		80	do
55	$\frac{7}{7^a}$	113		14		80	do
56	$\frac{7}{7^a}$	112		14		80	do
57	$\frac{7}{7^a}$	104		12		80	do
58	$\frac{7}{7^a}$	103		12		80	do
59	$\frac{7}{7^a}$	106		12		80	do
60	$\frac{7}{7^a}$	105		12		80	do
61	$\frac{7}{7^a}$	98		12		80	do
62	$\frac{7}{7^a}$	102		12		80	do
63	$\frac{7}{7^a}$	104		12		80	do
64	$\frac{7}{7^a}$	111		12		80	do

Box No	Weight			Grade Size	Pounds Mixed Weights in Sizes
	Gross	Tare	Net		
ZIMMER SPANISH—1902 CROP—OHIO.					
1 F	161	44	117	11 and 12	79-#12; 38-#11
2 F	162	41	121	10 and 11	72-#11; 49-#10
3 F	164	42	122	9 and 10	68- #9; 54-#10
4	163	43	120	11 and 12	66-#11; 54-#12
5	160	40	120	10 and 11	90-#10; 30-#11
6	157	40	117	10	
7	161	40	121	3, 4, and 5	20- #3; 50-#4; 42- #5
8	161	41	120	9	
9	170	41	129	9	
10	160	41	119	9	
11	161	41	120	8 and 9	90- #8; 30- #9
12	161	42	119	8	
13	161	41	120	8	
14	164	44	120	7 and 8	42- #7; 78- #8
15	161	41	120	7	
16	161	41	120	7	
17	150	39	111	7	
18	140	42	98	5 and 6	72- #5; 26- #6
19	164	41	123	6	
20	154	40	114	6 and 7	77- #6; 33- #7

